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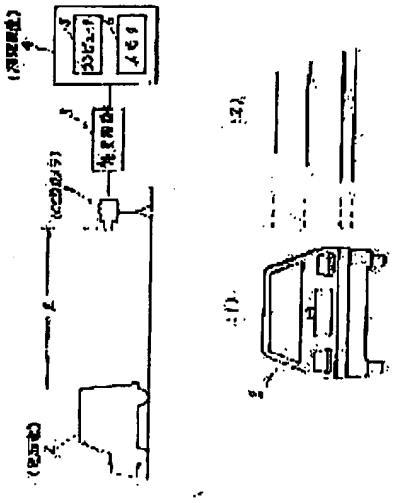
(54) AUTOMOBILE CLASSIFICATION DISCRIMINATING METHOD

(57)Abstract:

PURPOSE: To automatically guide automobiles to motor pools for respective automobile classifications by performing template matching between an extracted rear view and registered models and detecting the model having a maximum correlation value to discriminate the automobile classification.

CONSTITUTION: A CCD camera 1 picks up the image of the rear view of a finished automobile 2 at a distance of about 10m. The analog picture signal from the CCD camera 1 is converted to a digital signal by an A/D converter 3 and is inputted to a processor 4. The processor 4 is provided with a computer 5 and a memory 6 and performs template matching to preliminarily registered models and discriminates the automobile classification by the model having a maximum correlation value. Thus, the automobile is automatically guided to a motor pool corresponding to its classification.



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